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Transaction authorization and alert system

GE Blonder, SL Greenspan, JR Mirville, B ... - US Patent ..., 1995 - Google Patents

... MAKE PURCHASE 52 CUSTOMER RECEIVES CONFIRMATION CODE FOR USE IN **EXECUTING TRANSACTION** 53 CUSTOMER ... by a customer denial mat he principals to limit **monitor**, and/or ... 14 shows a flow chart of an authorization process in **transactions**) above **threshold** ...

Cited by 23 - [Related articles](#) - [All 3 versions](#)

[PDF] Managing contention and timing constraints in a real-time database system

MR Lehr, YK Kim, SH Son - Proceedings of the 16th IEEE Real-Time ..., 1995 - Citeseer

... He established $X = 50\%$ as the **threshold** value which minimizes the overall deadline ... the **executing transaction**, marking the relation as locked beforehand, the **executing transaction's** read will detect the locked relation and attempt to enter the CCMgr **monitor**, effectively blocking ...

Cited by 26 - [Related articles](#) - [View as HTML](#) - [All 37 versions](#)

[PDF] Paradyn parallel performance tools

B Miller, M Callaghan, J Gargile, J Hollingsworth, RB ... - IEEE Computer, 1995 - cs.wisc.edu

... become a performance measure • Application metrics: **transactions/second**, commits/second. ... instrumentation overhead. • Allows programmer to **monitor** intrusiveness • Allows programmer to control intrusiveness. ... GWe resolve dynamic callee addresses at run time GStrategy: ...

Cited by 29 - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)

[PDF] Towards automated SLA management for Web services

A Sahai, A Durante, V Machiraju - Res. Rep. HPL-2001-310 (R. 1), ..., 2002 - Citeseer

... intervention to understand the meaning of SLAs, and to **monitor** and measure ... The samples could be the longest lasting **transactions**, first 5 samples ... name="evalWhenTimeOccursType" abstract="true"/> <extension base="evalWhenType"> <documentation>**Execute** the evalFunc ...

Cited by 130 - [Related articles](#) - [View as HTML](#) - [All 9 versions](#)

[PDF] Performance evaluation of an adaptive and robust load control method for the avoidance of data contention thrashing

A Mönkeberg, G Weikum - PROCEEDINGS OF THE INTERNATIONAL ..., 1992 - Citeseer

... The basic idea of all these approaches is to **monitor** some perform- ance metric that ... case, the admission control should better decide to postpone the admission of the **transaction** until after ... of some (or, in the extreme case, even all) of the cur- rently **executing transactions**, so that ...

Cited by 40 - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 10 versions](#)

[PDF] Active database systems

U Dayal, E Hanson, J Widom - Modern Database Systems, 1995 - Citeseer

... 1 Introduction Conventional database systems are passive: they only **execute** queries or **transactions** explicitly submitted by a user or an application program. ... For example, an inventory control system needs to **monitor** the quantity in stock of items in the inven- ...

Cited by 170 - [Related articles](#) - [View as HTML](#) - [All 24 versions](#)

The datacycle architecture

TF Bowen, G Gopal, G Herman, T Hickey, ... - ... of the ACM, 1992 - portal.acm.org

... The query man- ager, **executing** on a transputer, re- ceives database read and write re- quests and **transaction** control commands from applications in SQL. A private

workspace is created within the query manager for each transac- ...

Cited by 153 - Related articles - BL Direct - All 3 versions

[PDF] Web services management network: An overlay network for federated service management

V Machireaju, A Sahai, A Van Moorsel - IFIP/IEEE Eighth International ..., 2003 - Citeseer
... one to correlate delays and other information over all segments a **transaction** traverses [14 ... as
the SLM engine management process controller receives the SLA it **executes** a monitoring ... The
Event Manager comprises of the SLO Validity Period **Monitor** and triggers (time based ...

Cited by 56 - Related articles - View as HTML - All 12 versions

Dynamic workload balancing

T Gossler, G Stark - US Patent 5,799,173, 1998 - Google Patents
... servers as permanent servers of the service unit, a plurality of servers for **executing** the service ...
25 mized number of servers is determined by dividing the a queuing **monitor** for monitoring ... 9
The method according to claim 5, wherein the opti- 2. The **transaction** system according ...

Cited by 13 - Related articles - All 3 versions

Crowds: Anonymity for web transactions

MK Reiter, AD Rubin - ACM Transactions on Information and ..., 1998 - portal.acm.org
... To **execute** web **transactions** in our model, a user first joins a "crowd" of other ... RELATED WORK
There are two basic approaches previously proposed for achieving anonymous web **transactions**. ...
passive attacker in control of the proxy, since the attacker can **monitor** and record ...

Cited by 1256 - Related articles - All 92 versions

Method and system for managing secure client-server transactions

CA Jardin - US Patent 6,681,327, 2004 - Google Patents
... For example, in one embodiment, the broker 120 may continuously **monitor** its percentage of
use of the allocated buffer space. ... are sufficient, the broker 120 is configured to establish a
hand-off link with the server 130a to fulfill or **execute** client **transactions**, as described in ...

Cited by 9 - Related articles - All 6 versions

Semi-dynamic load balancer for periodically reassigning new transactions of a transaction type
from an overload processor to an under-utilized processor based on ...

L Georgiadis, CN Nikolaou, GW Wang - US Patent 5,283,897, 1994 - Google Patents
... The **monitor** process 26 also examines the computers 12, 14 and 16, which share a common
data ... **Transactions** belonging to the same type have amounts of time to **execute** and are submitted
at differ ... Increase in load is less than the that pC+X.iSi+Ui, and (2) **transaction** type 1 is ...

Cited by 40 - Related articles - All 2 versions

Ganymed: Scalable replication for transactional web applications

C Plattner, G Alonso - Middleware 2004, 2004 - Springer
... In the event that a scheduler fails, the **monitor** process in the manager console will detect ... between
the failing scheduler and all replicas will be closed, all running **transactions** will be ... all replicas,
elect a master and configure the new scheduler so that **transaction** processing can ...

Cited by 139 - Related articles - BL Direct - All 16 versions

[PDF] The design of an adaptive intrusion tolerant database system

P Luenam, P Liu - Proc. IEEE Workshop on Intrusion Tolerant Systems, 2002 - ist.psu.edu
... Database LSW TSS \rightarrow LSW \rightarrow **Transaction** Execution Time (TET) The average time spent
for **executing** each **transaction** within a particular time period. Database LSE TET \rightarrow LSE \rightarrow
Table 1: List of AITDB **monitor** parameters Page 6. C-2-6 ...

Cited by 32 - Related articles - View as HTML - All 5 versions

[PDF] Safe hardware access with the Xen virtual machine monitor

K Fraser, S Hand, R Neugebauer, I Pratt, A ... - 1st Workshop on ..., 2004 - Citeseer
 ... The implementation that we present in Section 4 uses a virtual machine **monitor** (VMM) to achieve ...
 We therefore prefer to run each device driver within an isolated driver domain (IDD) which limits ...
 a guest can defer delivery of a notification event by specifying a **threshold** number of ...
 Cited by 133 - Related articles - View as HTML - All 37 versions

A case for shared instruction cache on chip multiprocessors running OLTP
 P Kundu, M Annamalai, T Diep, J ... - ACM SIGARCH Computer ..., 2004 - portal.acm.org
 ... With silicon technologies on the **threshold** of a billion transistors, the era of Chip Multiprocessor
 (CMP) has ... Tuning requires repeated execution of user **transactions** after modifying each setup
 parameter and even building the ... TUNED ODB RUN QUERIES **MONITOR** RUN ...
 Cited by 15 - Related articles - BL Direct - All 11 versions

Apparatus and method for measuring transaction time in a computer system
 RF Forman, JM Pechacek, WH Schwane - US Patent 6,175,449, 2001 - Google Patents
 ... Response time collector 240 would actively **monitor** and interrogate each client 230 to deter- ... OF
 INVENTION 15 40 According to preferred embodiments of the present invention, a **transaction**
 time measurement mechanism has a **transaction** time manager running on a ...
 Cited by 10 - Related articles - All 2 versions

[PDF] Design of a clinical event monitor
 G Hripcsak, PD Clayton, RA Jenders, JJ ... - Computers and ..., 1996 - columbia.edu
 ... In this mode, rules are evaluated within the same **transaction** as the event, but in a separate logical
 unit-of-work (that is, a commit statement lies between the event and the rule ... A clinical event **monitor**
 is triggered by discrete events. ... One event may trigger many rules to **execute**. ...
 Cited by 85 - Related articles - BL Direct - All 16 versions

Rules are Objects too: a knowledge model for an active, object-oriented database system
 U Dayal, A Buchmann, D McCarthy - Advances in Object-Oriented ..., 1988 - Springer
 ... response to critical situations. For these applications, it is important to **monitor** conditions defined ...
 When conditions or actions are detected, parameter bindings from the original **transaction** may
 have ... re-evaluate the condition for the identified item when it **executes**, because the ...
 Cited by 228 - Related articles - All 2 versions

Decision station: situating decision support systems
 R Vahidov, GE Kersten - Decision Support Systems, 2004 - Elsevier
 ... Upon winning the bid, they would finalize the **transaction** and **monitor** the delivery of the parts
 by consulting ... Autonomy and proactiveness are necessary for allowing the components of a system
 to take initiative and **execute** various related tasks in an automated fashion. ...
 Cited by 31 - Related articles - All 9 versions

Agents that buy and sell
 P Mees, RH Guttman, AG Moukas - Communications of the ACM, 1999 - portal.acm.org
 ... If a host is being shut down, all agents **executing** on that machine are warned ... An agent can **monitor**
 a given information source without being dependent on the system ... merchant-owned sales agents
 cooperatively negotiate across multiple terms of a **transaction**, including war ...
 Cited by 616 - Related articles - BL Direct - All 4 versions

Scheduling in real-time transaction systems
 JA Stankevicius, K Ramamritham, D ... - Foundations of real-time ..., 1998 - books.google.com
 ... because Priority Inheritance increases the deadlock rate and the **transactions** which get an
 increased priority **execute** for too ... The average **transaction** response time ... Finally, with today's
 technology, the disk controller can be implemented to **monitor** the I/O load dynamically, and ...
 Cited by 23 - Related articles - All 12 versions

[PDF] Ode as an active database: Constraints and triggers

NH Gehani, HV Jagadish - ... International Conference on Very Large Data ... 1991 - CiteSeer

... 5. TRIGGERS Triggers, like integrity constraints, **monitor** the database for some conditions, except that these conditions do not represent consistency violations [20]. ... **Executing** trigger actions is similar to **executing ordinary transactions**, and therefore all the problems ...

Cited by 374 - Related articles - View as HTML - All 12 versions

Multiclass transaction scheduling and overload management in firm real-time database systems

A Datta, S Mukherjee, P Konana, IR Viguier, A Bajaj - Information Systems, 1996 - Elsevier

... We start with a Δ value of 1.5 and **monitor** the miss ratio of **transactions** that are allowed to enter the system ... errors that resulted as a consequence of our initial AP estimation, ie, we noted the estimation error (e) values for a particular simulation run, where e for a **transaction T** is ...

Cited by 37 - Related articles - BL Direct - All 7 versions

The HiPAC project: Combining active databases and timing constraints

U Dayal, B Blaustein, A Buchmann, U ... - ACM Sigmod ... 1988 - portal.acm.org

... model, which has to provide the necessary primitives to express the situation-action rules and on the condition **monitor**. ... Tn be triggering **transaction** units that update A1 ... Tn can run concurrently (even though they do not conflict!) because strong coupling means that Ti and Ci ...

Cited by 485 - Related articles - All 2 versions

[PDF] Application-dependent dynamic monitoring of distributed and parallel systems

DM Ggie, K Schwan, R Snodgrass - ... IEEE Transactions on Parallel and ... 1993 - CiteSeer

... C. Run-Time **Monitor** Interface The **monitor** supports three execution-time operations, which are ultimately invoked by programmer-stated monitoring specifications. ... Page 5. 766 IEEE **TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS**, VOL. 4, NO. ...

Cited by 87 - Related articles - View as HTML - All 19 versions

[PDF] Performance Analysis of the Linux Buffer Cache While Running an Oracle OLTP Workload

M Nariss - 2002 - CiteSeer

... order into table Pending, updates the customers **transaction** history, and returns the ... 3.2.2 Cache hit rate monitoring In order to **monitor** the number of cache hits and misses on the buffer cache while the scripts are running, kernel "hooks" were added. ...

Cited by 3 - Related articles - View as HTML - All 5 versions

Dynamic inconsistency of capital forbearance: Long-run vs. short-run effects of too-big-to-fail policymaking

EJ Kane - Pacific-Basin Finance Journal, 2001 - Elsevier

... Third, creditors know the value of workout costs and can costlessly **monitor** variation in the value of firm assets. ... example, if the creditors allow the firm to be absorbed by a stronger competitor, C MC equals the costs of negotiating and **executing** the merger **transaction** and C ...

Cited by 22 - Related articles - BL Direct - All 6 versions

[PDF] Software architecture for a firm real-time database system

YK Kim, MR Lehr, SH Son - Journal of Systems Architecture, 1996 - CiteSeer

... to commit and the commit/abort contention is resolved through it. As described in Section 4, the CCMgr is a **monitor** and threads **executing** inside of it are capable of atomically determining whether a **transaction** is in the process of committing or not. ...


Cited by 3 - Related articles - View as HTML - BL Direct - All 26 versions

A semantic-based concurrency control protocol for real-time transactions

CS Peng, KJ Lin - rtas, 1996 - computer.org

... As more computers are used to control and to **monitor** real world applications, **transactions** such as those in avionics systems or program trading systems are often required to meet real ... Assume that functions f and g are invoked in order, and **transaction T1** is **executing f** while ...

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